

Table 2–1 Summary of Restrictions				
Key ACEC: Area of Critical Environmental Concern CSU: Controlled Surface Use Stipulation NSO: No Surface Occupancy Stipulation		O&G: Oil and Gas ROWS: Rights-of-Way TL: Timing Limitation Stipulation		<i>Note: Subsurface acres include federal mineral estate below BLM-administered surface estate and federal mineral estate below lands of other surface ownerships (split-estate).</i>
Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
Soil and Water				
O&G stipulation on floodplains, wetlands, and riparian areas	NSO: Floodplains, wetlands, and riparian areas Surface: 13,397 acres Subsurface: 63,426 acres	NSO: Within 300 feet of floodplains, wetlands, riparian areas and waterbodies Surface: 30,487 acres Subsurface: 146,169 acres		
ROWs restriction on floodplains, wetlands, and riparian areas	Open	ROWs avoidance Surface: 14,191 acres	ROWs exclusion Surface: 14,191 acres	ROWs avoidance Surface: 14,191 acres
O&G stipulation on sensitive soils	Open with standard lease terms	CSU Surface: 39,230 acres Subsurface: 268,414 acres	NSO Surface: 39,230 acres Subsurface: 268,414 acres	CSU Surface: 39,230 acres Subsurface: 268,414 acres
ROWs restriction on sensitive soils	Open	ROWs avoidance Surface: 45,954 acres	ROWs exclusion Surface: 45,954 acres	ROWs avoidance area Surface: 45,954 acres
O&G stipulation on steep slopes	CSU: 30% slopes Surface: 8,575 acres Subsurface: 40,476 acres	CSU: Slopes over 25% Surface: 14,061 acres Subsurface: 62,890 acres	NSO: Slopes over 25% Surface: 14,061 acres Subsurface: 62,890 acres	CSU: Slopes between 25-50% Surface: 13,132 acres Subsurface: 59,642 acres.
				NSO: Slopes over 50% Surface: 929 acres Subsurface: 3,248 acres
ROWs restriction on steep slopes	Open	ROWs avoidance on slopes over 25% Surface: 14,770 acres	ROWs exclusion on slopes over 25% Surface: 14,770 acres	ROWs avoidance on slopes over 25% Surface: 14,770 acres
Fisheries				
O&G stipulation on areas within ¼ mile of reservoirs with fisheries	NSO Surface: 551 acres Subsurface: 12,548 acres			
ROWs restriction within ¼ mile of reservoirs with fisheries	Open	ROWs avoidance Surface: 1,018 acres	ROWs exclusion Surface: 1,018 acres	ROWs avoidance Surface: 1,018 acres
Invasive Species				
Weed treatments in or near special status plant species	Open	In areas with identified T&E, special status plants, and sensitive plant species, wick or	Listed T&E and sensitive plant species would have a 100 foot herbicide buffer zone,	Listed T&E and sensitive plant species would have a 100 foot herbicide buffer zone,

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)	
		backpack sprayers and selective herbicides would be used to minimize risks to those species.	applied by spot treatment unless broadcast treatment would have beneficial impacts to such species.	applied by spot treatment unless broadcast treatment would have beneficial impacts to such species.	
Weed treatments near active raptors nests (including bald eagle nests)	Open	No weed treatments from 3/1-8/1 within ¼ mile raptor nest that are currently occupied from March 1- August 1. Some exceptions would apply.	No weed treatments from 3/1 -8/1 within ¼ mile of current year active raptor nesting site active over the last 7 years. Some exceptions would apply.	No weed treatments from 3/1-8/1 within ¼ mile raptor nest that are currently occupied from March 1- August 1. Some exceptions would apply.	
Weed treatments near Greater Sage-Grouse leks that are outside of Protection Priority Areas (PPAs) (General Habitat)	TL: No treatments within 2 miles of sage-grouse leks from March 1-June 30.	TL: Spot treatments only within 3 miles of sage-grouse leks from March 1-June 30.	TL: Spot treatments only within 4 miles of sage-grouse leks from March 1-June 30.	TL: Spot treatments only within a 3 mile buffer zone of sage-grouse leks from March 1-June 30.	
Weed treatments in Greater Sage-Grouse PPAs	Open	Spot treatments in PPAs only, using IPM methods within suitable nesting or brood rearing habitat of known sage-grouse leks from March 1 – June 30. This does not apply to areas outside of PPAs.			
Wildlife					
O&G stipulation on bighorn sheep habitat	Open with standard O&G stipulations	NSO Surface: 788 acres Subsurface: 58,072 acres			
ROWs restrictions in bighorn sheep habitat	Open	ROWs avoidance Surface: 875 acres	ROWs exclusion Surface: 875 acres	ROWs avoidance Surface: 875 acres	
Livestock grazing in bighorn sheep habitat	Open (domestic sheep/goat grazing discouraged but not prohibited near bighorn sheep habitat)	Closed to domestic sheep and goat grazing within 5 miles of bighorn sheep range Surface: 3,536 acres			
O&G stipulation on or near other raptor nests (not bald eagle, peregrine falcon, or special status species)	Open with standard O&G stipulations	NSO ¼ mile. Based on 7 years of past nest occupancy Surface: 544 acres Subsurface: 3,059 acres	NSO ½ mile. Based on 7 years of past nest occupancy Surface: 2,258 acres Subsurface: 13,674 acres	NSO ¼ mile. Based on 7 years of past nest occupancy Surface: 544 acres Subsurface: 3,059 acres	
ROWs restriction on or near other raptor nest (not bald eagle, peregrine falcon, or special status species)	Open	ROWs avoidance within ¼ mile Surface: 657 acres	ROWs exclusion within ¼ mile Surface: 657 acres	Exclusion ¼ mile from nests for Renewable Energy ROWs	
				Surface: 657 acres	
				Avoidance ¼ mile	

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
				from nests for other types of ROWs Surface: 657 acres
O&G stipulation on Big Game wintering areas	TL: 12/1-3/31 Surface: 106,382 acres Subsurface: 411,150 acres			
ROWs restriction on Big Game wintering areas	Open	ROWs avoidance Surface: 121,406 acres	ROWs exclusion Surface: 121,406 acres	Avoidance for Renewable Energy and other types of ROWs Surface: 121,406 acres
O&G stipulation on or near sharp-tailed grouse/greater prairie-chicken brood rearing/nesting habitat	TL: 3/1-6/15 2 miles from sharp-tailed grouse leks Surface: 1,316 acres Subsurface: 15,378 acres	TL: 3/1-6/30 2 miles from sharp-tailed grouse/greater prairie-chicken leks Surface: 1,316 acres Subsurface: 15,378 acres	TL: 3/1-6/30 3 miles from sharp-tailed grouse/greater prairie-chicken leks Surface: 2,736 acres Subsurface: 34,605 acres	TL: 3/1-6/30 2 miles from sharp-tailed grouse/greater prairie-chicken leks Surface: 1,316 acres Subsurface: 15,373 acres
ROWs restriction on or near sharp-tailed grouse/greater prairie-chicken brood rearing/nesting habitat	Open	ROWs avoidance 2 miles from sharp-tailed grouse/greater prairie-chicken leks Surface: 1,366 acres	ROWs exclusion 3 miles from sharp-tailed grouse/greater prairie-chicken leks Surface: 2,811 acres	ROWs avoidance 2 miles from sharp-tailed grouse/greater prairie-chicken leks Surface: 1,366 acres
O&G stipulation on structures that create raptor perches on or near sharp-tailed grouse/greater prairie-chicken brood rearing/nesting habitat	Open with standard O&G stipulations	CSU: 2 miles from sharp-tailed grouse and greater prairie-chicken leks Surface: 1,316 acres Subsurface: 15,378 acres		
O&G stipulation on or near sharp-tailed grouse/greater prairie-chicken leks	NSO: ¼ mile from sharp-tailed grouse leks Surface: 0 acres Subsurface: 163 acres		NSO: ½ mile from sharp-tailed grouse/greater prairie-chicken leks Surface: 27 acres Subsurface: 805 acres	NSO: ¼ mile from sharp-tailed grouse/greater prairie-chicken leks Surface: 0 acres Subsurface: 163 acres
ROWs restriction on or near sharp-tailed grouse/greater prairie-chicken leks	Open	ROWs avoidance within ¼ mile of sharp-tailed grouse/ greater prairie-chicken leks. Surface: 0 acres	ROWs exclusion within ½ mile of sharp-tailed grouse/ greater prairie-chicken leks Surface: 30 acres	ROWs exclusion within ¼ mile of sharp-tailed grouse/ greater prairie-chicken leks for Renewable Energy ROWs Surface: 0 acres Avoidance within ¼

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<i>Note: Subsurface acres include federal mineral estate below BLM-administered surface estate and federal mineral estate below lands of other surface ownerships (split-estate).</i>				
Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
				mile of sharp-tailed grouse/greater prairie-chicken leks for other types of ROWs Surface: 0 acres
Special Status Species				
O&G stipulation in interior least tern nesting habitat	NSO: ¼ mile from identified habitat (specific habitat not identified but potential exists)			
ROWs restrictions in interior least tern nesting habitat	Open	ROWs avoidance	ROWs exclusion	ROWs avoidance
O&G stipulation in piping plover nesting habitat	NSO: ¼ mile from identified habitat (specific habitat not identified but potential exists)			
ROWs restriction in piping plover nesting habitat	Open	ROWs avoidance	ROWs exclusion	ROWs avoidance
O&G stipulation on or near peregrine falcon aeries	NSO: 1 Mile Surface: 0 acres Subsurface: 0 acres	NSO: ½ Mile Surface: 0 acres Subsurface: 0 acres	NSO: 1 Mile Surface: 0 acres Subsurface: 0 acres	NSO: 1 Mile Surface: 0 acres Subsurface: 0 acres
ROWs restriction on or near peregrine falcon aeries	Open	ROWs avoidance within ½ mile of aeries Surface: 0 acres	ROWs exclusion within 1 mile of aeries Surface: 0 acres	ROWs exclusion within ½ mile of aeries for Renewable Energy ROWs Surface: 0 acres
				Avoidance within ½ mile of aeries for other types of ROWs Surface: 0 acres
O&G stipulation on or near bald eagle nests	NSO: ½ mile. Based on 5 years of past nest occupancy Surface: 0 acres Subsurface: 259 acres	NSO: ¼ mile. Based on 5 years of past nest occupancy Surface: 0 acres Subsurface: 80 acres	NSO: ½ mile. Based on 5 years of past nest occupancy Surface: 0 acres Subsurface: 259 acres	
ROWs restriction on or near bald eagle nests	Open	ROWs avoidance within ¼ mile of nests & within riparian habitat within ¼ mile of nests	ROWs exclusion within ½ mile of nests & within riparian habitat within ¼ mile of nests	ROWs exclusion within ½ mile of nests for Renewable Energy ROWs
				ROW avoidance within ½ mile of nests for other types of ROWs

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
O&G stipulation on or near sensitive raptors nests (bald eagles and peregrine falcon addressed in separately)	NSO: ½ mile. Based on 7 years of past nest occupancy Surface: 1,837 acres Subsurface: 10,636 acres	NSO: ¼ mile. Based on 7 years of past nest occupancy Surface: 499 acres Subsurface: 7,510 acres	NSO: ½ mile. Based on 7 years of past nest occupancy Surface: 1,837 acres Subsurface: 10,636 acres	NSO: ¼ mile. Based on 7 years of past nest occupancy Surface: 499 acres Subsurface: 7,510 acres
				TL: 3/1-7/31 within ½ mile of nests Surface: 1,837 acres Subsurface: 10,636 acres
ROWs restriction on or near sensitive raptors nests (bald eagles and peregrine falcon addressed separately)	Open	ROWs avoidance within ¼ mile of nests Surface: 554 acres	ROWs exclusion within ½ mile of nests Surface: 2,160 acres	ROWs exclusion within ¼ mile of nests for Renewable Energy ROWs Surface: 554 acres
				Avoidance within ¼ mile of nests for other types of ROWs Surface: 554 acres
O&G stipulation on Greater Sage-Grouse PPAs See Maps 2-4 and 2-5 for PPA boundary differences by alternative.	NSO: ¼ mile from leks Surface: 916 acres Subsurface: 1,950 acres	NSO Surface: 83,744 acres Subsurface: 253,357 acres	Closed to O&G leasing Surface: 93,266 acres Subsurface: 289,563 acres	NSO Surface: 83,744 acres Subsurface: 253,357 acres
	TL: 3/1-7/1 2 miles from leks Surface: 27,634 acres Subsurface: 73,828 acres			
ROWs restriction on Greater Sage-Grouse PPAs See Maps 2-4 and 2-5 for PPA boundary differences by alternative.	Open	ROWs avoidance Surface: 84,384 acres	ROWs exclusion Surface: 96,379 acres An exception would apply if the exclusion may cause development of a ROW on adjacent lands with better quality habitat than is present on BLM-administered lands.	ROWs exclusion for Renewable Energy ROWs Surface: 84,384 acres
				Avoidance for other types of ROWs Surface: 84,384 acres

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
Locatable, salable and other leasable mineral development in Greater Sage-Grouse PPAs	Open		PPAs withdrawn from locatable mineral entry, closed to salable and other non-energy leasable minerals and unsuitable for coal. Surface: 93,266 acres Subsurface: 289,288 acres	Open
O&G stipulation on or near Greater Sage-Grouse leks outside of PPAs (in General Habitat)	NSO: ¼ mile from sage-grouse leks Surface: 81 acres Subsurface: 816 acres	NSO: ½ mile from sage-grouse leks Surface: 509 acres Subsurface: 2,072 acres	NSO: 1 mile from sage-grouse leks Surface: 767 acres Subsurface: 1,846 acres	NSO: 1 mile from sage-grouse leks Surface: 2,407 acres Subsurface: 6,243 acres
See Maps 2-4 and 2-5 for General Habitat.	TL: 3/1-7/1 2 miles from leks Surface: 5,109 acres Subsurface: 23,584 acres			
ROWs restriction on BLM surface on or near Greater Sage-Grouse leks outside of PPAs (in General Habitat)	Open	ROWs avoidance ½ mile from sage-grouse leks for all types of ROWs Surface: 526 acres	All sage-grouse general habitat would be a ROW avoidance area for all types of ROWs Surface: 67,035 acres	ROWs exclusion within 1 mile of sage-grouse leks for Renewable Energy ROWs Surface: 2,617 acres
Note: Other ROW restrictions for nesting/brood rearing habitat would also apply.				Avoidance 1 mile from sage-grouse leks for other types of ROWs Surface: 2,617 acres
See Maps 2-4 and 2-5 for General Habitat.				
O&G stipulation on Greater Sage-Grouse brood rearing/nesting habitat outside of PPAs (in General Habitat)	TL: 3/1-6/30 2 miles from sage-grouse leks Surface: 5,109 acres Subsurface: 23,584 acres	TL: 3/1-7/15 3 miles from sage-grouse leks, outside of PPAs in General Habitat Surface: 14,749 acres Subsurface: 31,522 acres	TL: 3/1-7/15 4 miles from sage-grouse leks; outside of PPAs in General Habitat Surface: 19,926 acres Subsurface: 60,528 acres	TL: 3/1-7/15 4 miles from sage-grouse leks; outside of PPAs in General Habitat Surface: 29,360 acres Subsurface: 65,846 acres
See Maps 2-4 and 2-5 for General Habitat.				
ROWs restriction on Greater Sage-Grouse brood rearing/nesting habitat outside of PPAs (in General Habitat)	Open	ROWs avoidance 3 miles from sage-grouse leks Surface: 17,741 acres	ROWs exclusion 4 miles from sage-grouse leks Surface: 20,959 acres	ROWs avoidance 4 miles from sage-grouse leks Surface: 32,865 acres

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
See Maps 2-4 and 2-5 for General Habitat				
CSU – Bury or modify fiber optic, telephone, or power lines – Greater Sage-Grouse General Habitat, PPAs and within Greater Sage-Grouse winter range	No specific management action exists.	All new power lines within 1 mile of sage-grouse leks and within sage-grouse winter range and PPAs would be buried provided the lines can be safely buried. Acres affected vary depending on site specific circumstances.	All new power lines within 2 miles of sage-grouse leks and within sage-grouse winter range and PPAs would be buried provided the lines can be safely buried. Acres affected vary depending on site specific circumstances.	
O&G stipulation on Greater Sage-Grouse wintering areas	TL: 12/1-3/31 Surface-disturbing and disruptive activities not allowed from 12/1-3/31 Surface: 50,791 acres Subsurface: 103,553 acres			Plan required for surface-disturbing and disruptive activities that occur from 12/1-3/31 to minimize impacts to sage grouse Surface: 50,791 acres Subsurface: 103,553 acres
ROWs restriction on Greater Sage-Grouse wintering areas	Open	ROWs avoidance Surface: 53,144 acres	ROWs exclusion Surface: 53,144 acres	ROWs exclusion within winter range for Renewable Energy ROWs Surface: 53,144 acres
				Avoidance within winter range for other types of ROWs Surface: 53,144 acres
Visual Resources				
CSU O&G stipulation on VRM Class II designation	VRM Class II criteria (refer to glossary) would apply to 1,231 acres in Fort Meade and Fossil Cycad ACECs.	VRM Class II criteria constraints would apply to 1,544 acres in Fort Meade and Fossil Cycad ACECs.	VRM Class II criteria would apply to 6,801 acres in Fort Meade ACEC and Fossil Cycad ACEC. Other Visual Resource Inventory Class 2 areas would become VRM Class II areas (4,790 acres).	VRM Class II criteria would apply to 1,544 acres in Fort Meade and Fossil Cycad ACECs.
ROW restriction on VRM Class II designation	Open Surface: 1,231 acres	ROWs avoidance Surface: 1,544 acres	ROWs exclusion Surface: 11,590 acres	ROWs exclusion for Renewable Energy ROWs Surface: 1,544 acres
				Avoidance for other

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
				types of ROWs Surface: 1,544 acres
Recreation				
Leasable minerals and O&G stipulation in or near SRMAs	No SRMAs would be established	NSO in and within ½ mile buffer of Exemption Area SRMA. NSO within a ½ mile buffer around Fort Meade SRMA. (Locatable minerals would be withdrawn and leasable minerals would be closed within the Fort Meade SRMA/ACEC.) Surface: 5,078 acres Subsurface: 8,839 acres	Exemption Area would not be designated as an SRMA. NSO within a 1 mile buffer around Fort Meade SRMA. (Locatable minerals would be withdrawn and leasable minerals would be closed within the Fort Meade SRMA/ACEC.) Surface: 0 acres Subsurface: 1,497 acres	NSO in and within ½ mile buffer of Exemption Area SRMA. NSO within ½ mile buffer around Fort Meade SRMA. (Locatable minerals would be withdrawn and leasable minerals would be closed within the Fort Meade SRMA/ACEC.) Surface: 5,078 acres Subsurface: 8,839 acres
ROWs restriction on Fort Meade SRMA, buffer only (Fort Meade ACEC addresses the interior area)	Open	ROWs avoidance with ½ mile buffer Surface: 0 acres Subsurface: N/A	ROWs exclusion with 1 mile buffer Surface: 0 acres Subsurface: N/A	ROWs exclusion within ½ mile for Renewable Energy ROWs Surface: 0 acres Subsurface: N/A
				Avoidance within ½ mile for other types of ROWs Surface: 0 acres Subsurface: N/A
ROWs restriction on Exemption Area SRMA and SRMA buffer	Open	ROWs avoidance within SRMA and ½ mile buffer Surface: 5,078 acres Subsurface: 0 acres	Open	Exclusion within SRMA and ½ mile for Renewable Energy ROWs Surface: 5,078 acres Subsurface: 0 acres
				Avoidance within SRMA and ½ mile for other types of ROWs Surface: 5,078 acres Subsurface: 0 acres
Firearm Shooting	No discharge of firearms in southern portion of Fort Meade ACEC Surface: 3,996 acres (Refer to Map 4-3)			

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
Cultural				
Leasable minerals and O&G stipulation on Bear Butte Surface: 0 acres Subsurface: 410 acres	Open with standard O&G stipulations	NSO	Closed to O&G leasing	
Locatable minerals on Bear Butte Surface: 0 acres Subsurface: 410 acres	Open to locatable mineral entry	Recommended for withdrawal from locatable mineral entry		
Salable minerals on Bear Butte Surface: 0 acres Subsurface: 410 acres	Open to salable minerals	Closed		
Refer to the Hazardous Materials section (below) for actions related to the abandoned Black Hills Army Depot.				
ACECs				
Summary of ACECs and acres protected by ACEC Designation	Two ACECs: Fort Meade Recreational Area and Fossil Cycad Surface: 6,894 acres Minerals: 6,894 acres	Two ACECs: Fort Meade Recreational Area and Fossil Cycad Surface: 6,894 acres Minerals: 6,894 acres	Three ACECs: Fort Meade, Fossil Cycad and Greater Sage-Grouse PPAs Surface: 103,273 acres Minerals: 296,457 acres	Two ACECs: Fort Meade Recreational Area and Fossil Cycad Surface: 6,894 acres Minerals: 6,894 acres
Other leasable minerals and O&G stipulation on Fort Meade ACEC	No lease (Closed) Surface: 6,574 acres Subsurface: 6,574 acres			
ROWs restriction on Fort Meade ACEC	Utility and transmission line ROWs would be allowed (open) in the designated ROW corridor in the Fort Meade ACEC. Surface: 1,066 acres			
ROWs restriction on Fort Meade ACEC, outside the ROW corridor Surface: 5,521 acres	Exclusion	Avoidance	Exclusion	Exclusion
Locatable minerals on Fort Meade ACEC	Withdrawn from locatable mineral entry Surface: 6,574 acres Subsurface: 6,574 acres			
Salable minerals on Fort Meade ACEC	Closed to salable minerals Surface 6,574 acres Subsurface: 6,574 acres			

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Resource and Resource Use	Alternative A (Current Management)	Alternative B	Alternative C	Alternative D (Preferred Alternative)
O&G stipulation on Fossil Cycad ACEC Surface: 320 acres Subsurface: 320 acres	Closed to O&G leasing	NSO	Closed to O&G leasing	
ROWs restriction on Fossil Cycad ACEC	Open	Avoidance Surface: 320 acres	Exclusion Surface: 320 acres	
Other leasable minerals on Fossil Cycad ACEC	No Lease (Closed) Subsurface: 320 acres			
Locatable minerals on Fossil Cycad ACEC	Withdrawn from mineral entry Acres same as above. Subsurface: 320 acres			
Salable minerals on Fossil Cycad ACEC	Closed Surface: 320 acres Subsurface: 320 acres			
Locatable minerals in Greater Sage-Grouse PPAs ACEC	N/A	N/A	Withdrawn Surface: 93,266 acres Subsurface: 289,288 acres	N/A
O&G minerals in Greater Sage-Grouse PPAs ACEC	N/A	N/A	Closed (No Lease) Surface: 93,266 acres Subsurface: 289,563 acres	N/A
ROW in Greater Sage-Grouse PPAs ACEC	N/A	N/A	Excluded from all types of ROW actions Surface: 96,379 acres Subsurface: N/A	N/A
Hazardous Materials and Cultural Resources				
Mineral exploration and development at the abandoned Black Hills Army Depot Site (BHAD)	Open	NSO to leasable Minerals. Closed to salable minerals: Open to locatable minerals with standard stipulations. Surface: 0 acres Subsurface: 12,709 acres	Closed to leasable and salable minerals. Open to locatable minerals subject to standard stipulations. Surface: 0 acres Subsurface: 12,709 acres	NSO to leasable minerals. Closed to salable minerals. Open to locatable minerals with standard stipulations. Surface: 0 acres Subsurface: 12,709 acres

Table 2-1 (continued) Cumulative Acres of Federal Mineral Estate Available or Unavailable for Oil and Gas Leasing ¹								
	Alternative A (Current Management)		Alternative B		Alternative C		Alternative D (Preferred Alternative)	
	Surface ²	Subsurface	Surface ²	Subsurface	Surface ²	Subsurface	Surface ²	Subsurface
Cumulative Acres Available for Oil and Gas Leasing								
No Surface Occupancy	15,489	87,349	105,837	404,306	43,897	355,396	107,025	406,005
Timing Limitations	115,204	450,032	61,186	305,570	45,836	244,689	66,821	340,948
Controlled Surface Use	2,954	19,613	10,561	158,501	1,535	1,535	10,031	146,574
Standard Lease Terms	103,033	798,690	59,416	487,627	52,146	451,382	52,803	461,747
Cumulative Areas Unavailable for Oil and Gas Leasing								
Non-discretionary	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)
Discretionary (closed)	Fort Meade and Fossil Cycad (6,894 acres)	Fort Meade and Fossil Cycad (6,894 acres)	Fort Meade (6,574 acres)	Fort Meade (6,574 acres)	SG PPAs, Fort Meade and Fossil Cycad (100,160 acres)	SG PPAs, BHAD, Fort Meade, Fossil Cycad, and Bear Butte (309,576 acres)	Fort Meade and Fossil Cycad (6,894 acres)	Fort Meade, Fossil Cycad, and Bear Butte (7,304 acres)

¹ Acreages by subcategory were calculated such that each column of subcategories under each alternative adds up to the total available acres for leasing based on the following general concepts where multiple stipulations overlapped: Unavailable land categories override available land categories. Within available lands, No Surface Occupancy stipulations override and are more restrictive than Timing Limitations, Controlled Surface Use, and Standard Lease Terms. Timing Limitation stipulations override and are more restrictive than Controlled Surface Use and Standard Lease Terms. Controlled Surface Use stipulations override and are more restrictive than Standard Lease Terms.

² BLM-administered surface acres with federal minerals lands underneath.

Table 2-1 (continued) Acres of Federal Mineral Estate Available or Unavailable for Oil and Gas Leasing ¹								
	<i>Alternative A (Current Management)</i>		<i>Alternative B</i>		<i>Alternative C</i>		<i>Alternative D (Preferred Alternative)</i>	
	<i>Surface²</i>	<i>Subsurface</i>	<i>Surface²</i>	<i>Subsurface</i>	<i>Surface²</i>	<i>Subsurface</i>	<i>Surface²</i>	<i>Subsurface</i>
Acres Available for Oil and Gas Leasing								
No Surface Occupancy	16,385	88,246	107,412	405,884	75,225	454,377	108,609	407,688
Timing Limitations	127,220	501,754	112,832	460,595	118,401	498,577	121,811	507,484
Controlled Surface Use	9,695	41,599	54,036	337,048	12,443	26,504	54,036	337,048
Areas Unavailable for Oil and Gas Leasing								
Non-discretionary	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)	--	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns (175 acres)
Discretionary (closed)	Fort Meade and Fossil Cycad (6,894 acres)	Fort Meade and Fossil Cycad (6,894 acres)	Fort Meade (6,574 acres)	Fort Meade (6,574 acres)	SG PPAs, Fort Meade and Fossil Cycad (100,160 acres)	SG PPAs, BHAD, Fort Meade, Fossil Cycad, and Bear Butte (309,576 acres)	Fort Meade and Fossil Cycad (6,894 acres)	Fort Meade, Fossil Cycad, and Bear Butte (7,304 acres)

¹ Acreages by subcategory under each alternative. Total available and unavailable may overlap and do not equal the total number of BLM administered lands (surface and federal minerals). Overlapping individual stipulation-specific acreages by restriction order are displayed by alternative in Chapter 2 in Table 2-2.

² BLM-administered surface acres with federal minerals lands underneath.

Table 2-1 (continued) Rights-of-Way, Cumulative Acres of BLM-Administered Surface Acres Affected ¹								
	Alternative A (Current Management)		Alternative B		Alternative C		Alternative D (Preferred Alternative)	
	BLM-admin Surface Acres	BLM- admin Surface in the Planning Area (%)	BLM-admin Surface Acres	BLM- admin Surface in the Planning Area (%)	BLM-admin Surface Acres	BLM- admin Surface in the Planning Area (%)	BLM-admin Surface Acres	BLM- admin Surface in the Planning Area (%)
Cumulative Acres for All ROWs								
Exclusion	5,522	2%			199,420	73%	--	--
Avoidance	--	--	189,153	69.2%			--	--
Open	267,768	98%	84,137	30.8%	73,870	27%	--	--
Cumulative Acres for Renewable Energy ROWs								
Exclusion	--	--	--	--	--	--	118,904	43.5%
Avoidance	--	--	--	--	--	--	78,636	28.8%
Open	--	--	--	--	--	--	75,751	27.7%
Cumulative Acres for other ROWs								
Exclusion	--	--	--	--	--	--	5,836	2.1%
Avoidance	--	--	--	--	--	--	191,704	70.1%
Open	--	--	--	--	--	--	75,750	27.7%

¹ Acres within this table are cumulative, taking out the overlap between resource uses. The most restrictive acres are reported for each acre of ground. Areas of exclusion override and are more restrictive than areas of avoidance and open. Areas of avoidance are more restrictive than open areas.

Table 2-1(continued) Acres of Federal Mineral Estate Available or Unavailable for Oil and Gas Leasing ¹					
	<i>RFD Level</i>	<i>Alternative A (Current Management)</i>	<i>Alternative B</i>	<i>Alternative C</i>	<i>Alternative D (Preferred Alternative)</i>
Cumulative Areas Unavailable for Oil and Gas Leasing					
Non-discretionary		National parks, wildlife refuges, wilderness areas, and incorporated cities and towns	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns	National parks, wildlife refuges, wilderness areas, and incorporated cities and towns
Discretionary		Fort Meade and Fossil Cycad	Fort Meade	Greater Sage-Grouse PPAs, BHAD, Fort Meade, Fossil Cycad, and Bear Butte	Fort Meade, Fossil Cycad, and Bear Butte
Total acres closed	High			Surface ² : 18,358 acres Subsurface: 37,618 acres	
	Moderate			Surface ² : 2,336 acres Subsurface: 12,138 acres	
	Low			Surface ² : 32,882 acres Subsurface: 99,825 acres	
	Very Low	Surface ² : 6,376 acres Subsurface: 6,376 acres	Surface ² : 6,376 acres Subsurface: 6,376 acres	Surface ² : 46,066 acres Subsurface: 159,477 acres	Surface ² : 6,376 acres Subsurface: 6,786 acres
	None	Surface ² : 518 acres Subsurface: 518 acres	Surface ² : 198 acres Subsurface: 198 acres	Surface ² : 518 acres Subsurface: 518 acres	Surface ² : 518 acres Subsurface: 518 acres
	Not Assessed	Surface ² : 0 acres Subsurface: 0 acres	Surface ² : 0 acres Subsurface: 0 acres	Surface ² : 0 acres Subsurface: 0 acres	Surface ² : 0 acres Subsurface: 0 acres

¹ Acreages by subcategory were calculated such that each column of subcategories under each alternative adds up to the total available acres for leasing based on the following general concepts where multiple stipulations overlapped: Unavailable land categories override available land categories. Within available lands, No Surface Occupancy stipulations override and are more restrictive than Timing Limitations, Controlled Surface Use, and Standard Lease Terms. Timing Limitation stipulations override and are more restrictive than Controlled Surface Use and Standard Lease Terms. Controlled Surface Use stipulations override and are more restrictive than Standard Lease Terms.

² BLM-administered surface acres with federal minerals lands underneath.

Areas referenced as open in this table may be subject to site- or project-specific restrictions as determined by project level (implementation) environmental review.